1/13

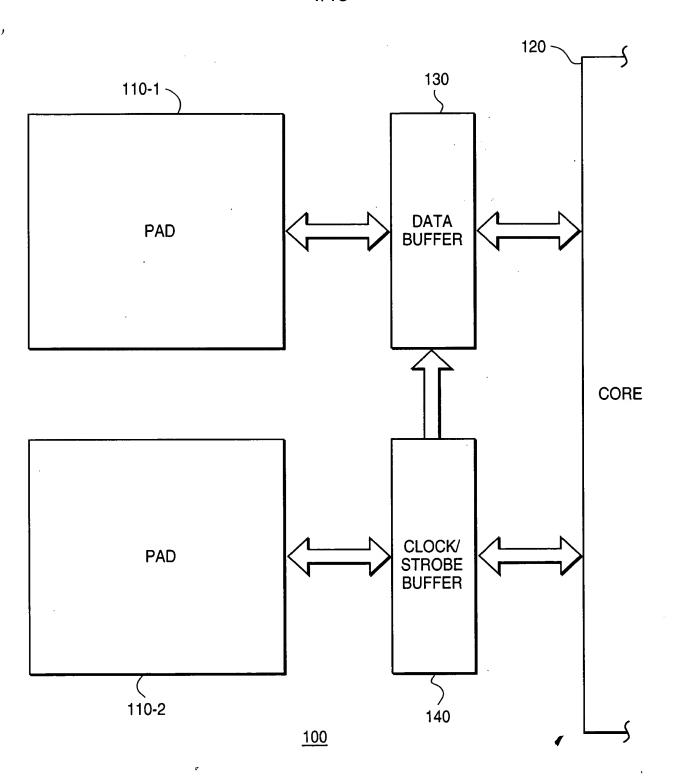


FIG. 1A

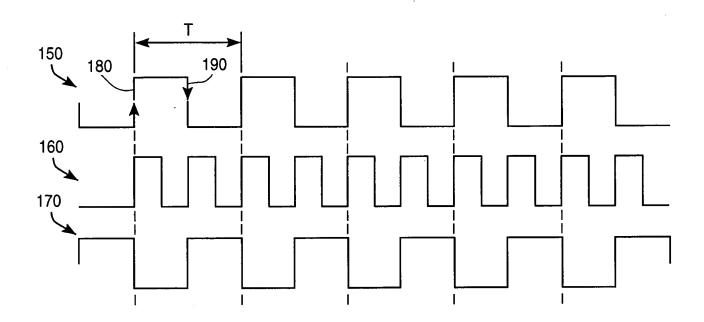
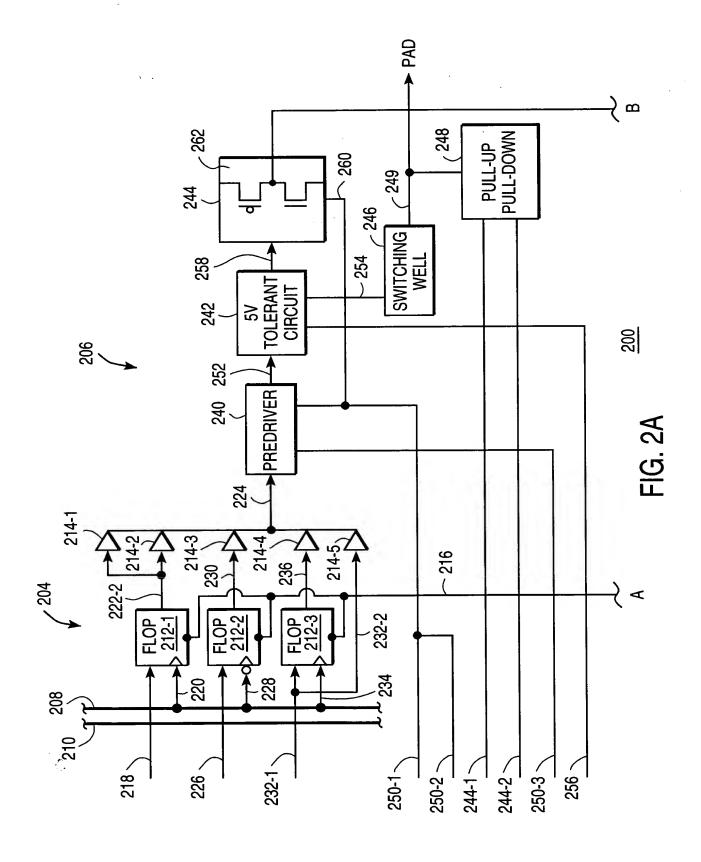
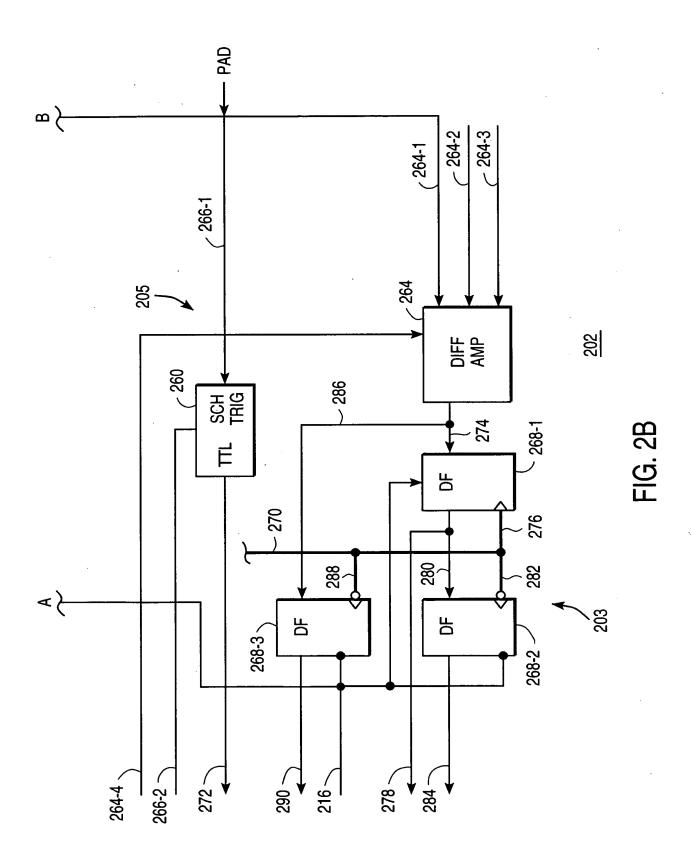


FIG. 1B





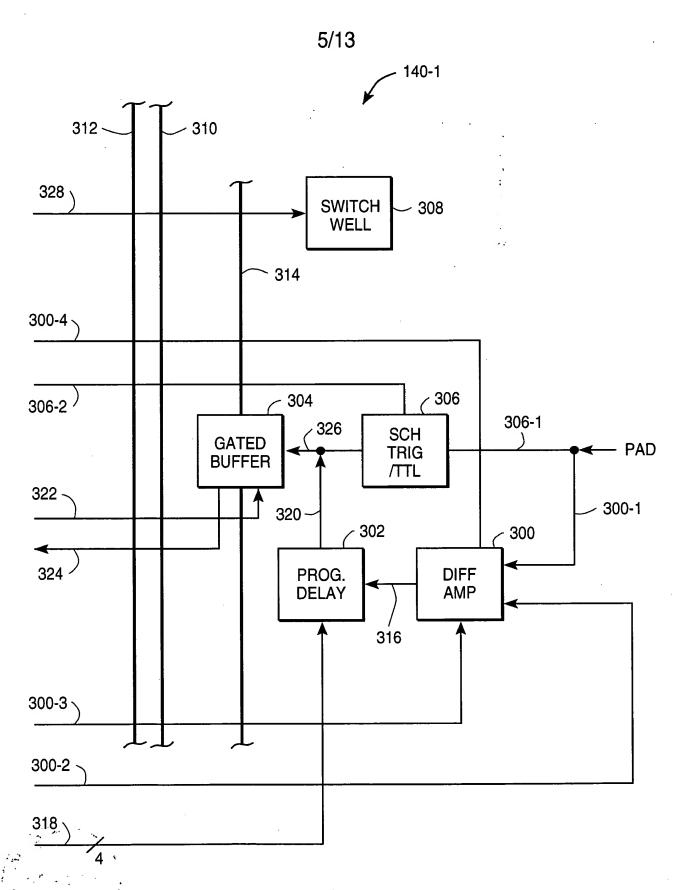


FIG. 3

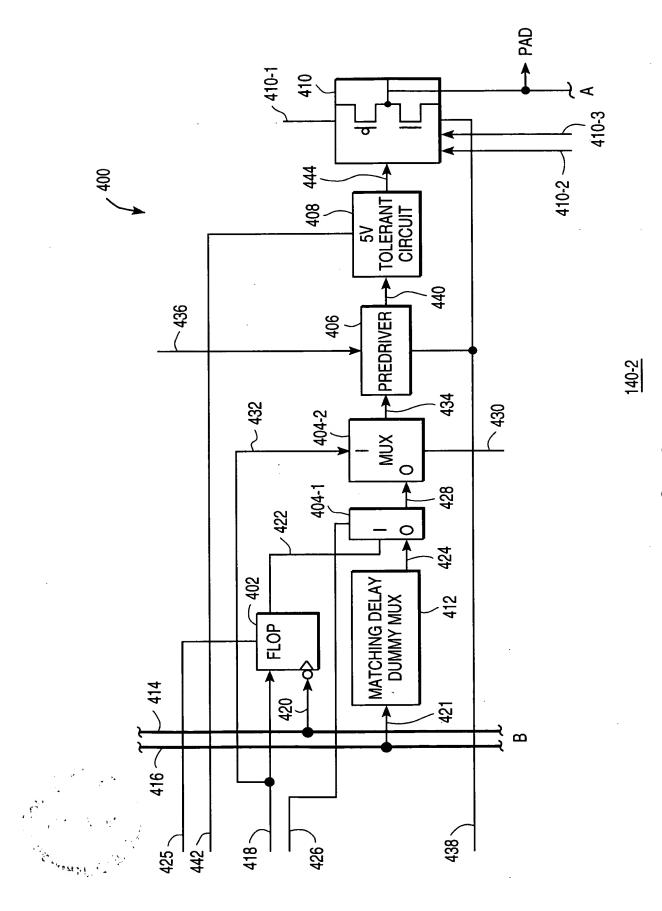
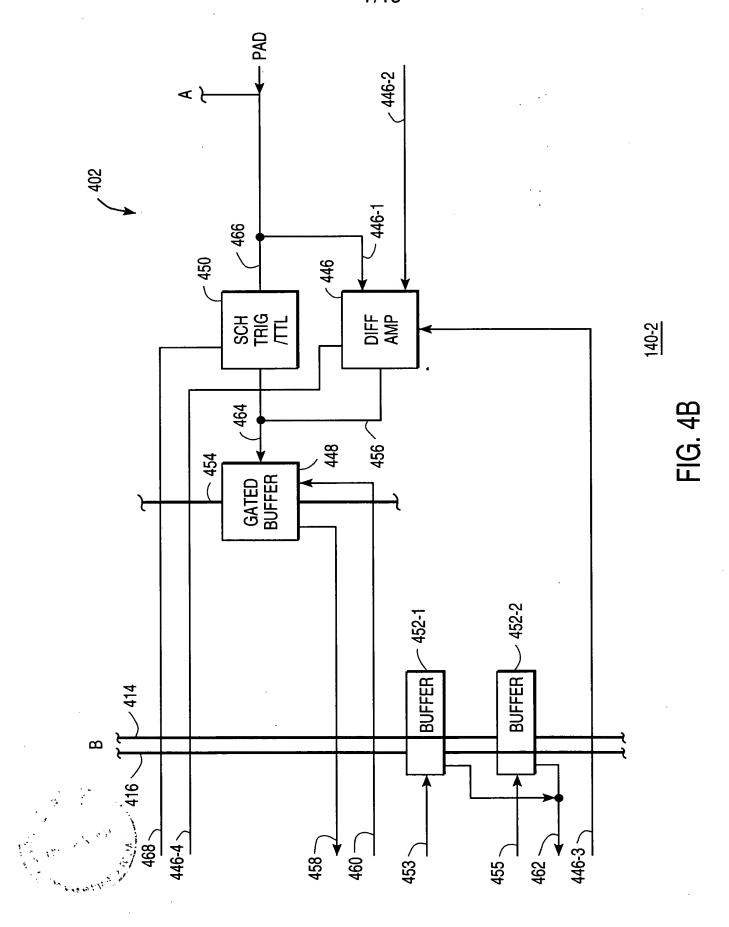


FIG. 4A



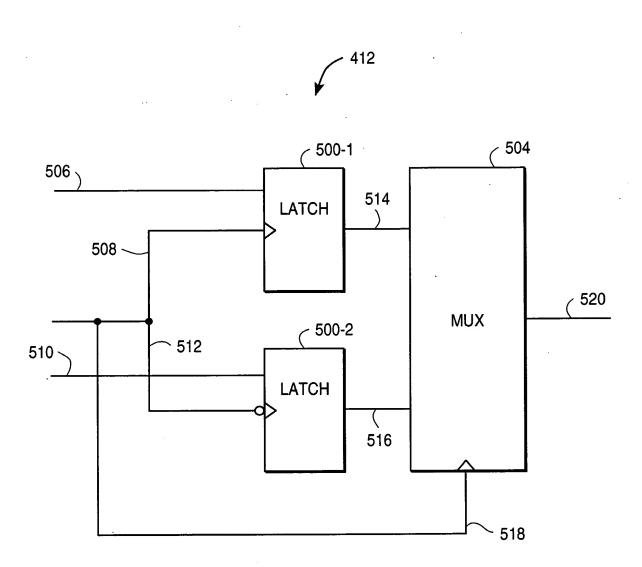


FIG. 5

9/13 **BUSSING** N-WELL PAD (ALL METAL) VSSUB (M2) **VSSD** (M2,M3,M4,M5)**VDD** VSS (M4,M5) VREF (M4,M5) VSS (M4,M5) ICK (M4,M5) **VDD** VDD (M4,M5) CCK_1X (M4,M5) VSS (M4,M5) DCK_2X (M4,M5) VSS (M4,M5) VBIAS (M4,M5) VSS (M4,M5) VDD (M4,M5) **VDD** VSSD (M4,M5) VSS (M4,M5) VDDD (M4,M5) **VDDD** VDIO (M2,M3,M4,M5)**SWITCHING** VDDW (M2) VSSUB (M2)

FIG. 6A

VDD

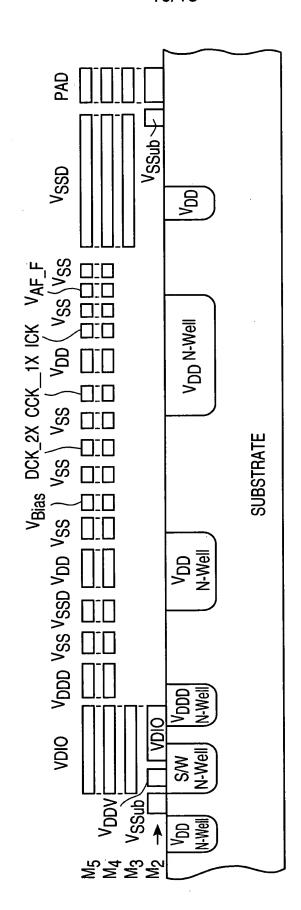
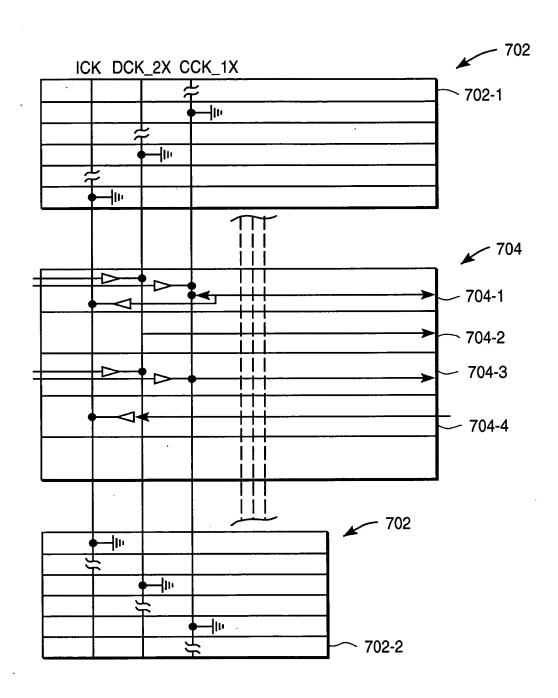


FIG. 6B



<u>700</u>



FIG. 7

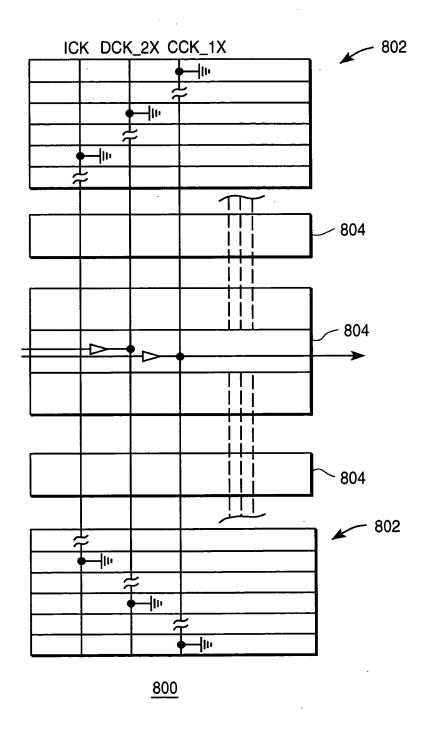




FIG. 8

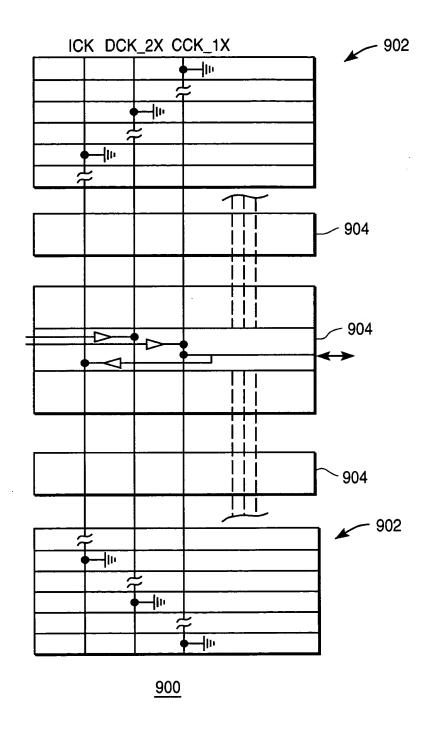


FIG. 9

